

棒毛芥属名模式的考证与订正 *

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THE IDENTIFICATION AND REVISION ON THE TYPE OF *COCHLEARIOPSIS* Y. H. ZHANG (CRUCIFERAE)

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Abstract The genus *Cochleariopsis* Y.H. Zhang was described in 1985, with *C. zhejiangensis* Y. H. Zhang, the only member of the genus, as its type. However, this species had been published by O. E. Schulz earlier in 1923, named *Cochlearia warburgii* O.E. Schulz. Hence, this species is not new one, and the type of the genus should be *Cochleariopsis warburgii* (O. E. Schulz) L. L. Lu .

Key words *Cochleariopsis*; *Cochlearia*; Cruciferae; Type revision

关键词 棒毛芥属; 岩芥属; 十字花科; 属名模式订正

棒毛芥 *Cochleariopsis zhejiangensis* Y. H. Zhang 是单种属 *Cochleariopsis* Y. H. Zhang 的属名模式, 于 1985 年发表在云南植物研究第 7 卷第 2 期上, 经考证发现该种与 1923 年发表于 Notizbl. Bot. Gart. Berlin 8: 545 上的 *Cochlearia warburgii* O. E. Schulz 较一致, 后者在中国植物志 33 卷中也有收载, 名浙江岩芥。Schulz 所引用的标本系来自浙江宁波, 由 Warburgii 于 1889 年采集, 标本号: 6340, 国内尚未见此同号标本, 但可参见 Engl. et Prantl. Nat. Pflanzenfam. 2. Aufl. 17b.: 452. fig. 276. J. 1936. 可以发现 *Cochleariopsis zhejiangensis* 与 *Cochlearia warburgii* 相同, 所不同者为 Schulz 只见到幼果, 未描述角果上的特征。通过标本鉴定, 同时观察比较新鲜植物, 结果表明: 两者应为同一种植物。其主要特征为: 一年生草本。茎从基部分枝, 基部带紫色。叶有单叶与复叶, 浅裂或深裂, 小裂片常再裂。花淡紫色带白色, 干后呈白色微留紫色; 花药小, 心形。短角果上的薄膜发达, 呈泡状或细管状。植株的高矮、叶的大小, 因生境不同, 差异较大。特别是幼果上的薄膜因发育不同, 有的明显, 有的不明显, 即使同一植株的不同果实, 薄膜发育也有不同。而发育良好的植株, 此特征很突出, 与岩芥属中的薄膜已有明显差别。

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在十字花科的分类等级中, 果实与果柄的特征是分属的重要依据之一, 因而该种可另列一属处理。但由于建立此属时所依据的标本并非新种, 按照国际命名法规, 现用的模式, 其种名只能是重新组合, 正确的学名应订正为:

Cochleariopsis warburgii (O. E. Schulz) L. L. Lu — *Cochleariopsis zhejiangensis* Y. H. Zhang.

棒毛茅 新组合

Cochleariopsis warburgii (O. E. Schulz) L. L. Lu, comb. nov. — *Cochlearia warburgii* O. E. Schulz in Notizbl. Bot. Gart. Berlin 8: 545. 1923. — *Cochleariopsis zhejiangensis* Y. H. Zhang in Acta Bot. Yunnanica 7 (2): 144 — 145. 1985, fig. 1.

Herba annua, erecta, 15(5)—25(35) cm alta, a basi ramosa, glabra. Caulis flexuosus, acutangulus, praesertim basin versus violaceus. Folia basalia petiolo ad 2cm longo praedita, simplicia, subrotunda, c. 12 mm longa, c. 13mm lata, saepe trifida; cauline inferiora petiolo 1 — 2(2.8) cm longo instructa, trifoliolata, foliolo terminali oblongo-ovata, apice obtuso, latere unidentato 1 — 1.5cm longo lateralibus brevioribus profunde tripartito, lobis lateralibus bipartitis, margine irregulariter paucidentatis; folia caulina media similia, sed breviter petiolata; folia superiora subsessilia, foliolis angustioribus trisecta. Racemus laxiusculus, 12 — 30-florus; pedicelli erecto-patentes, capillares, 3 — 8 mm longi. Flores minuti. Sepala oblonga, 0.75 mm longa; petala 1.5 — 2mm longa, pallide rosea, elliptica, apice rotundata, paucivenosa, in unguiculum brevem contracta; stamina adscendentis, 0.4 — 0.5 mm longa; antherae breviter cordatae, minimae; pistillum ampullaceum; ovarium obovoideum, 2-ovulatum; stylus tenuis; stigma minutum, depressum. Siliculae in pedicellis filiformibus rectangule patentibus 5 — 10mm longis, saepe assurgentes, breviter ovoideae, 2 — 3 mm longae, 1 — 2 mm latae, apice rotundatae, pellicula bullata vel tubulari obsitae; stylo 0.5 mm longo tenui coronatae; septum nullum.

Zhejiang (浙江): Suichang (遂昌), Jiulong Shan (九龙山), alt. 450m, 1981. 05. 03, Hua Dong (华栋), Chen Ling-jing (陈令静), 4609-1, 4609-2; alt. 500m, 1981. 05.04, 4608. Wang Cun Kou (王村口) alt. 300m, 1991. 05. 18, M. B. Deng (邓懋彬), H. T. Wei (魏宏图), 82105, alt. 450m, 1991. 05. 18, 82109.